

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1		
						Dec-2005		
TO: Director, Port Everglades Authority P.O. Box 13136, Port Everglades, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Port Everglades Harbor, Broward County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Entrance Channel, from 200 feet seaward of Red Buoy-2 to east end of the jetties	Dec-2005	500-450	1	45	26.6(1)	47.6(1)	46.8(1)	46.7(1)
From east end of jetties to Turning Basin	Dec-2005	450	0.5	42	40.8(2)	45.2(2)	45.3(2)	42.0(2)
Turning Basin, from Green Light-9 to east face of north/south bulkhead (south of Entrance Channel centerline ).	Dec-2005	1025	0.5	42	41.8(3)	41.6(3)	40.5(3)	44.3(3)
From Green Light-9 to east face or north/south bulkhead (north of Entrance Channel centerline).	Dec-2005	1010	0.5	42	40.7(4)	40.2(4)	40.5(4)	40.3(4)
West Basin: (North end of Berth 18).	Dec-2005	250	0.06	37	41.0(5)	40.6(5)	45.0(5)	44.1(5)
West Basin: (South end of Berth 18).	Dec-2005	1000	0.03	36	37.8(6)	37.8(6)	38.2(6)	39.8(6)
North Basin, from Red Buoy-30 to east face of north/south Bulkhead (North portion).	Dec-2005	1110	0.16	31	26.2(7)	28.4(7)	29.0(7)	28.1(7)
South Basin: (North of Pier 5)	Dec-2005	1270	0.18	31	33.5(8)	35.7(8)	37.0(8)	37.4(8)
South Channel, from Main Turning Basin at Green Light-11 to turning notch.	Dec-2005	400	1.1	42	36.4(9)	42.0(9)	44.0(9)	42.1(9)
From turning notch to Dania Cut-off Canal at Green Light-35.	Dec-2005	400	0.7	42	39.4(10)	40.4(10)	40.6(10)	41.2(10)

Remarks:

1. Shoaling along north edge of channel beginning 400 feet west of Red Light-4 extending approximately 500 feet westerly. Shoals extend a maximum of 100 feet inside channel edge.
2. Minor shoaling along south edge of channel from 430 feet east of Green Light-7.
3. Small shoal located along east edge of basin.
4. Shoals located on eastern portion of turning basin.
5. Soundings are to project depth or deeper.
6. Soundings are to project depth or deeper.
7. Shoaling on eastern edge of channel. Shoals extend into channel approximately 150 feet in some areas.
8. Soundings are to project depth or deeper.
9. Shoaling along eastern edges of channel.
10. Shoaling in eastern portion of channel. Shoals extend into channel approximately 150 feet.

Survey #06-050